Express Mail Label No.	Dated:

Docket No.: 01641/100K021-US5

(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Russell Hudyma

Application No.: Not Yet Assigned

Filed: Concurrently Herewith

Confirmation No.:

Art Unit: N/A

For: CATADIOPTRIC PROJECTION SYSTEM

FOR 157nm LITHOGRAPHY Examiner: Not Yet Assigned

INFORMATION DISCLOSURE STATEMENT (IDS)

MS Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement accompanies the new patent application submitted herewith.

Copies of the documents on the PTO/SB/08 are not provided.

Those patent(s) or publication(s) which are marked with a double asterisk (**) next to the Cite No. in the attached form PTO/SB/08 (facsimile) are not supplied because they were

Application No.: Not Yet Assigned

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previously cited by or submitted to the Office in a prior application numbers 10/444,897, filed May 23, 2003 and 09/761,562, filed January 16, 2001 and relied upon in this application for an earlier filing date under 35 U.S.C. 120.

The Commissioner is authorized to charge any deficiency of up to \$300.00 or credit any

excess in this fee to Deposit Account No. 04-0100.

Dated: February 3, 2004

Respectfully submitte

Dy____

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PTO/SB/08a/b (08-03)
Approved for use through 07/31/2006. OMB 0651-0031
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Sub	Substitute for form 1449A/B/PTO			Complete if Known		
				Application Number	T/B/A	
10	IFORMATION	I DIS	SCLOSURE	Filing Date	Herewith	
l s	TATEMENT I	3Y A	PPLICANT	First Named Inventor	Russell Hudyma	
				Art Unit	N/A	
	(Use as many sheets as necessary)			Examiner Name	Not Yet Assigned	
Sheet	Sheet 1 of 2		Attorney Docket Number	01641/100K021-US45		

	U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
·	AA**	US-4,171,871	10-23-1979	Dill et al.		
	AB**	US-4,232,969	11-11-1980	Wilczynski		
		US-4,595,295	06-17-1986	Wilczynski		
	AD**	US-4,685,777	08-11-1987			
	AE**	US-4,701,035	10-20-1987	Hirose		
		US-5,052,763	11-05-1991	Singh et al.		
		US-5,063,586	11-05-1991	Jewell et al.		
		US-5,071,240	12-10-1991	Ichihara et al.		
		US-5,078,502	01-07-1992			
		US-5,089,913	02-18-1992			
	AK**	US-5,153,898	10-06-1992	Suzuki et al.		
		US-5,159,172		Goodman et al.		
	AM*	US-5,212,588	05-18-1993	Viswanathan et al.		
	AN**	US-5,220,590	06-15-1993	Bruning et al.		
		US-5,241,423	08-31-1993			
		US-5,323,263		Schoenmakers		
		US-5,315,629	05-24-1994			
		US-5,353,322		Bruning et al.		
		US-5,401,934		Ainsworth, Jr. et al.		
		US-5,410,434	04-25-1995			
		US-5,515,207	05-07-1996			
		US-5,537,260	07-16-1996			
	AW*	US-5,608,526		Piwonka-Corle et al.		
	AX**	US-5,686,728	11-11-1997	Shafer		
		US-5,742,436	04-21-1998			
		US-5,805,357	09-08-1998	Omura		
		US-5,805,365	09-08-1998	Sweatt		
	AB1	US-5,815,310	09-29-1998	Williamson		
	AC1	US-5,835,275	11-10-1998	Takahashi et al.		
	**	US-5,956,192	09-21-1999	Williamson		
	**	US-6,014,252	01-11-2000	Shafer		
	*	US-6,033,079	03-07-2000	Hudyma		
	AG1	US-6,142,641	11-01-2000	Cohen et al.		

Signature	 Date	
•	Considered	

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Sut	Substitute for form 1449A/B/PTO			Complete if Known		
				Application Number	T/B/A	
11	NFORMATION	1 DI	SCLOSURE	Filing Date	Herewith	
S	TATEMENT B	3Y /	APPLICANT	First Named Inventor	Russell Hudyma	
				Art Unit	N/A	
	(Use as many sh	eets as	s necessary)	Examiner Name	Not Yet Assigned	
Sheet	Sheet 2 of 2		Attorney Docket Number	01641/100K021-US45		

AH **	1 US-5,575,207	11-19-1996	Shimizu	
Al1	* US-6,169,627	01-02-2001	Schuster	
AJ′	* US-5,940,222	08-17-1999	Sinclair et al.	
AK **	1 US-4,757,354	07-12-1988	Sato et al.	
AL.	1* US-6,008,885	12-28-1999	Takashi et al.	
AM **	1 US-5,650,877	07-22-1997	Phillips et al.	
AN **	1 US-5,592,329	01-07-1997	Ishiyama et al.	
AO	1 US-5,694,241	12-02-1997	Ishiyama et al.	

		FOREI	GN PATENT I	DOCUMENTS		
Examiner	Cite	Foreign Patent Document	Publication	Name of Patentee or	Pages, Columns, Lines,	
Initials*	No.1	Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Date MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	
	BA**	EP-1 069 448	07-13-2000			
	BB**	EP-0 779 528	06-18-1997			
	BC**	EP-0 869 383	10-07-1998			
	BD**	EP-0 604 093	11-19-1997			
	BE**	EP-0 816892	06-09-1999			
	BF**	EP-1 067 448	01-10-2001			
	BG**	DE-196 39 586	04-02-1998			···

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	NON PATENT LITERATURE DOCUMENTS						
Examiner Initials	aminer Cite Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.						
	CA**	Morgan, Joseph, Introduction to Geometrical and Physical Optics, McGraw-Hill, 1953, p. 2					
		Smith, Warren J. Modern Optical Engineering: the Design of Optical Systems, 3rd Ed, McGraw-Hill, 2000, p. 98					

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'Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

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